

FIG. 1
(PRIOR ART)

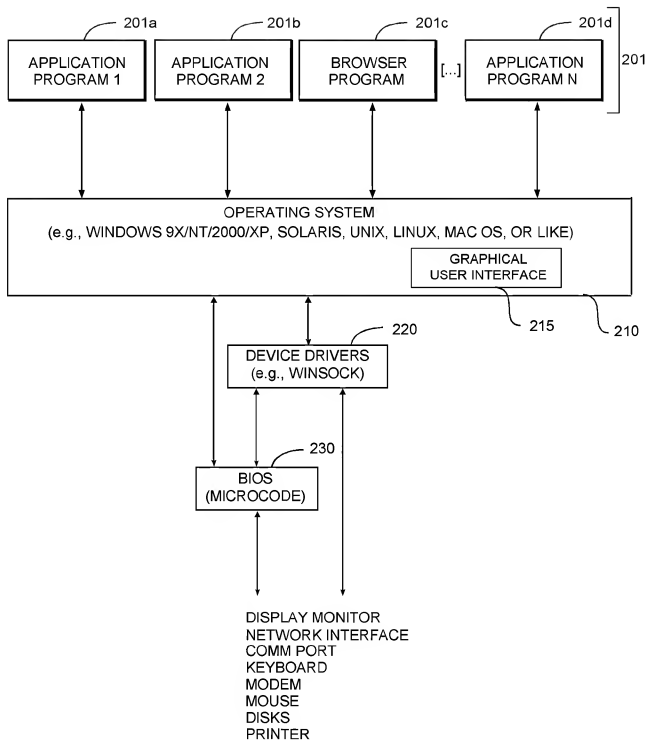
200

FIG. 2

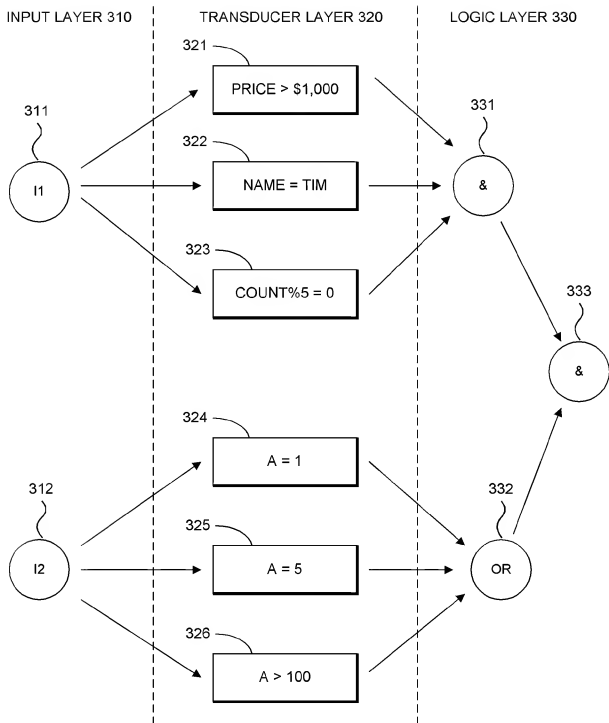
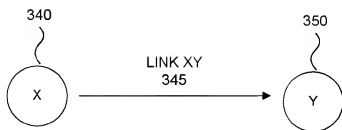
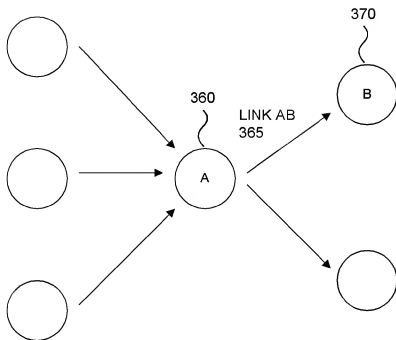
300

FIG. 3A



LINK XY'S SOURCE NODE IS X.

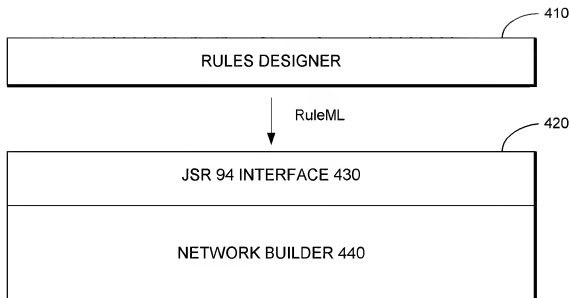
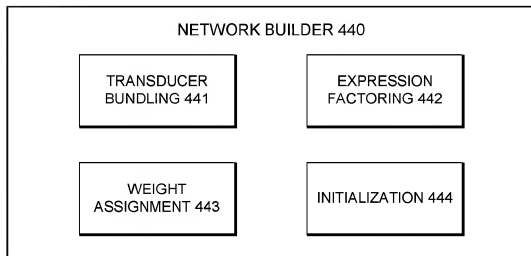
LINK XY'S DESTINATION NODE IS Y.

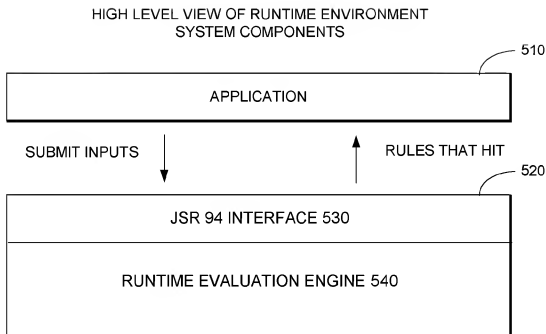
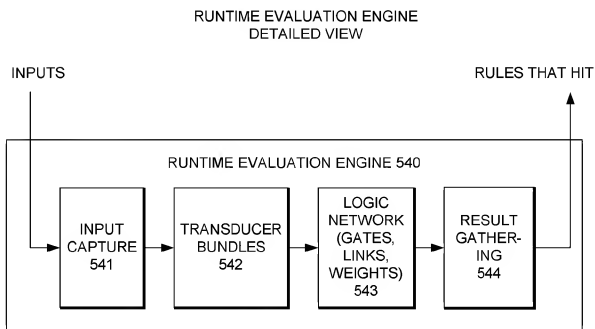


NODE A HAS AN INPUT COUNT OF THREE AND AN OUTPUT COUNT OF TWO. NODE A HAS THREE INPUT LINKS AND TWO OUTPUT LINKS.

LINK AB HAS A SOURCEOUTPUTCOUNT OF TWO.

FIG. 3B

HIGH LEVEL VIEW OF DEPLOYMENT ENVIRONMENT
SYSTEM COMPONENTS*FIG. 4A*NETWORK BUILDER
DETAILED VIEW*FIG. 4B*

*FIG. 5A**FIG. 5B*

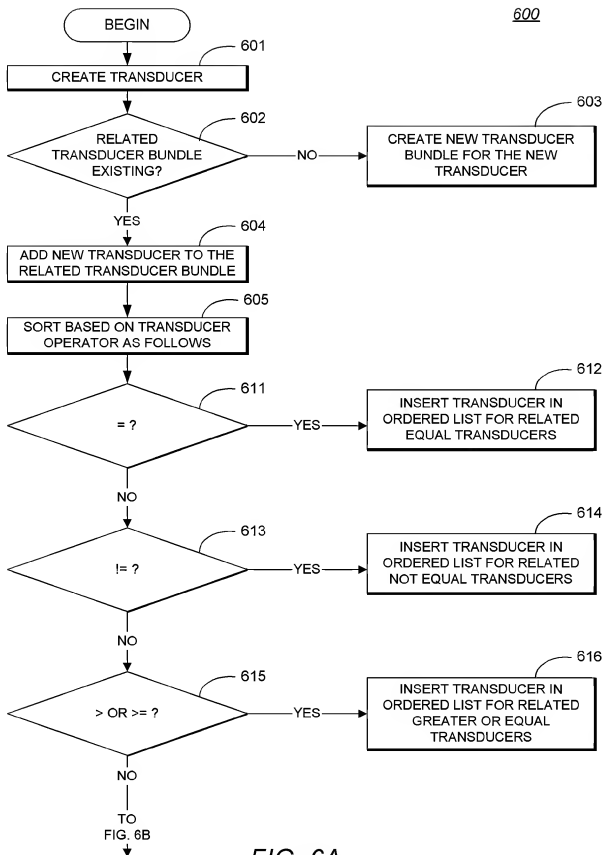


FIG. 6A

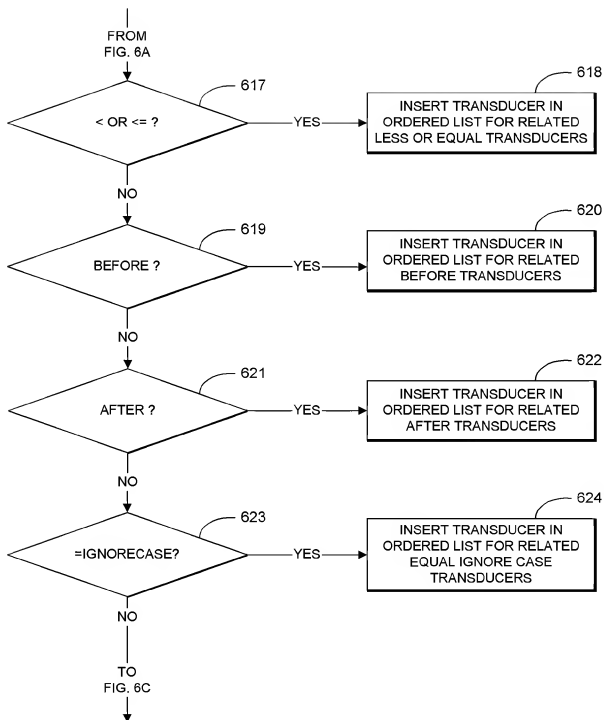


FIG. 6B

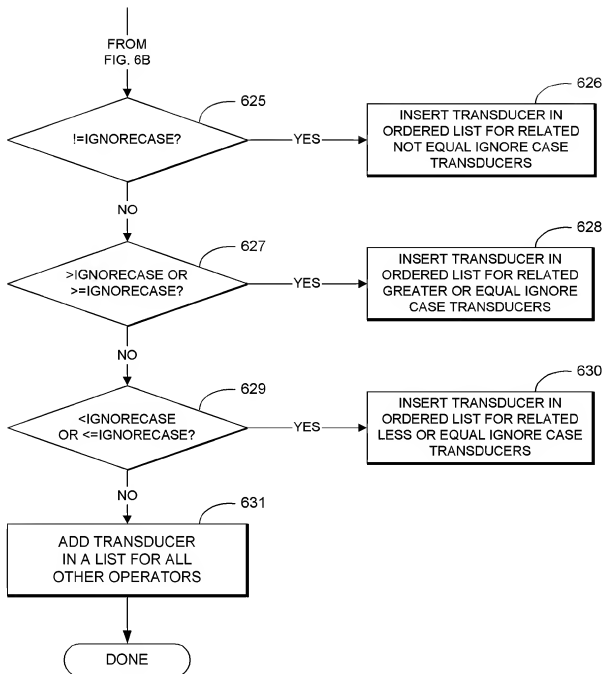


FIG. 6C

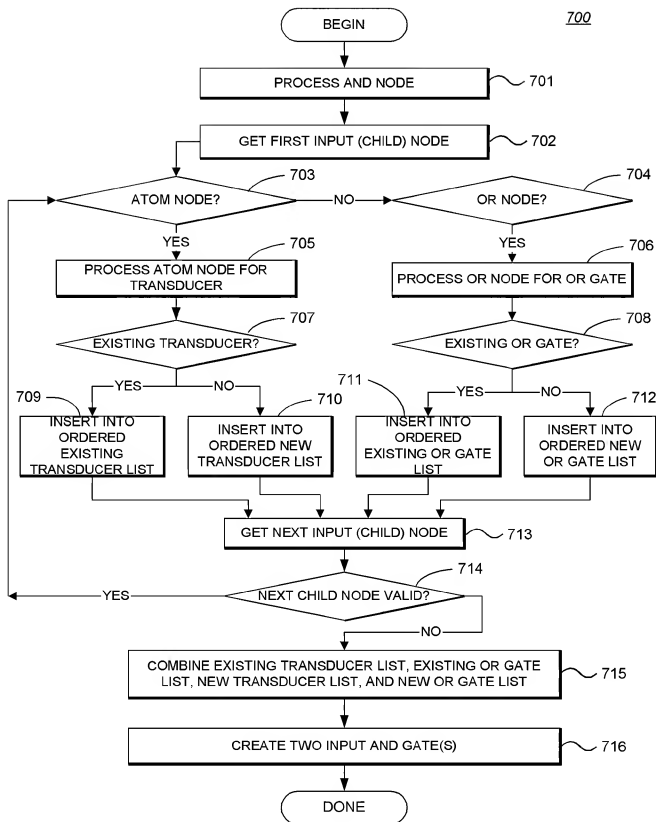


FIG. 7A

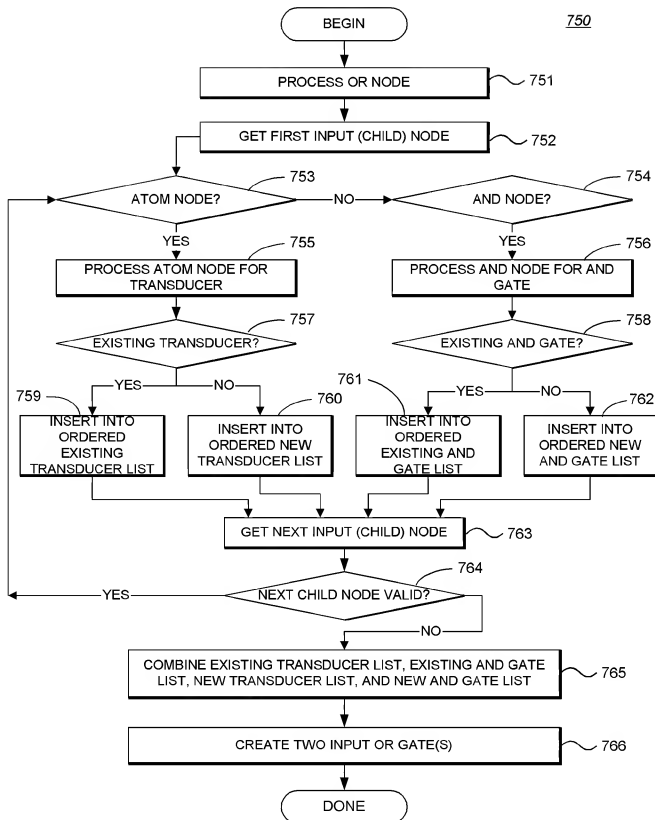
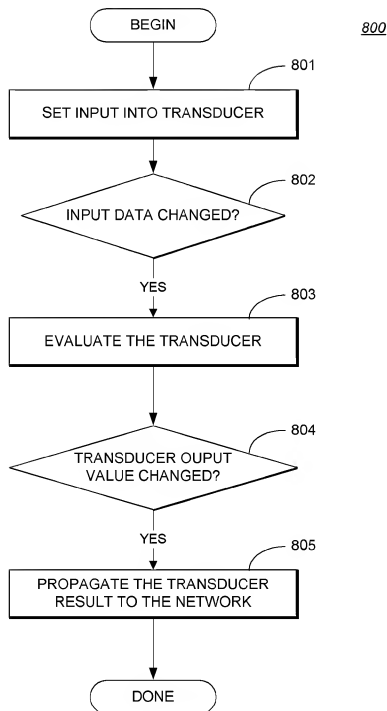


FIG. 7B

**FIG. 8**

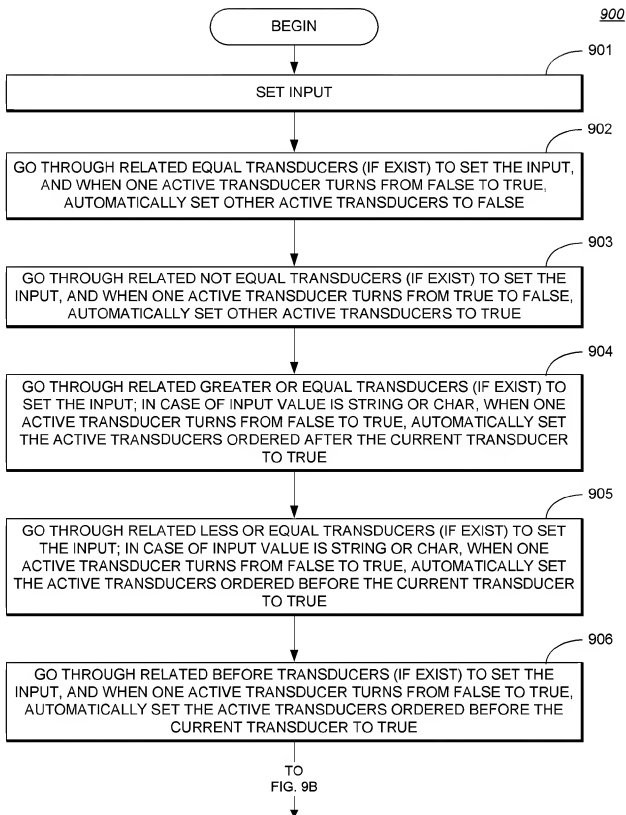


FIG. 9A

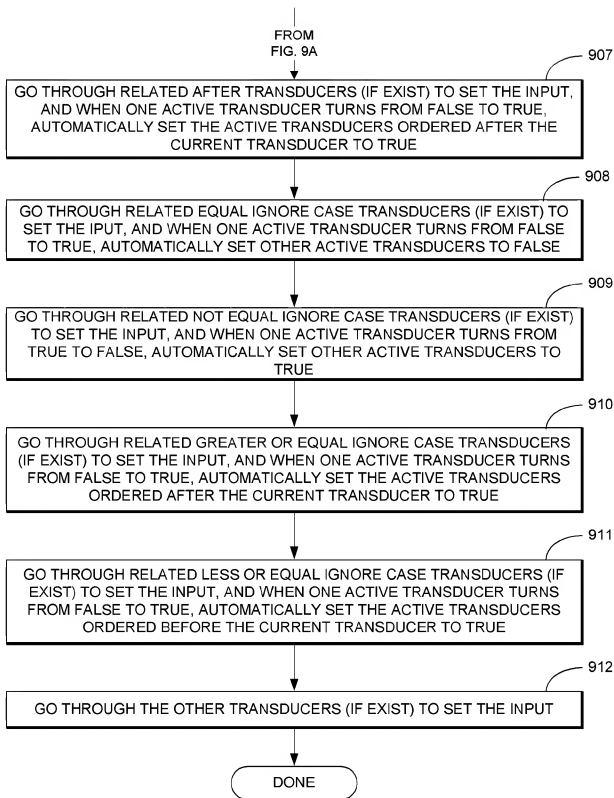
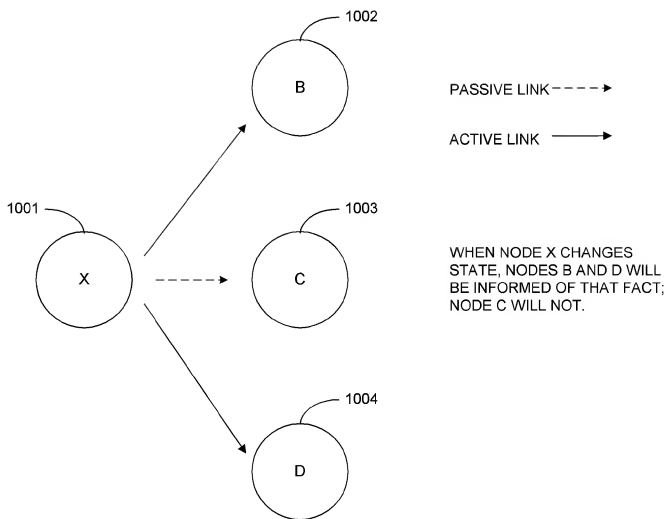
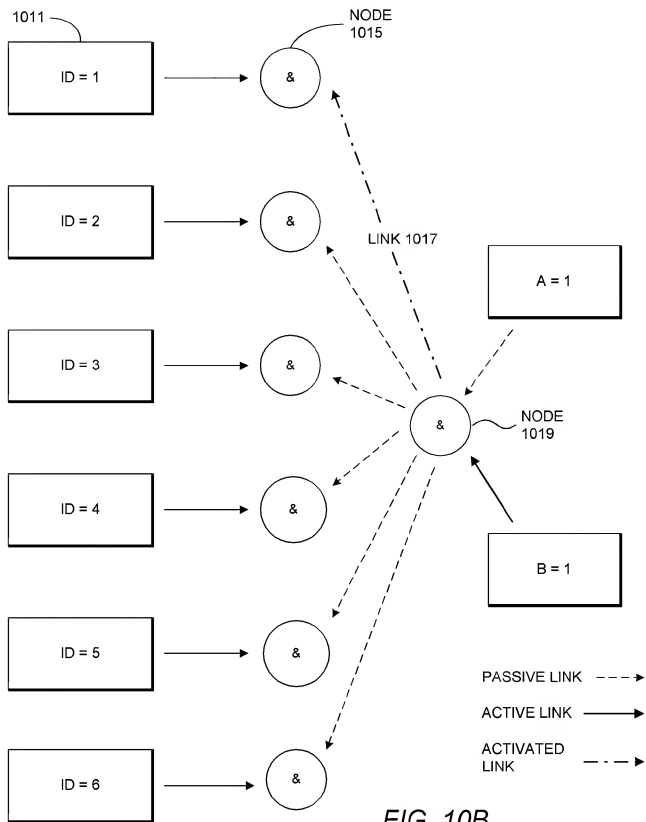


FIG. 9B

*FIG. 10A*



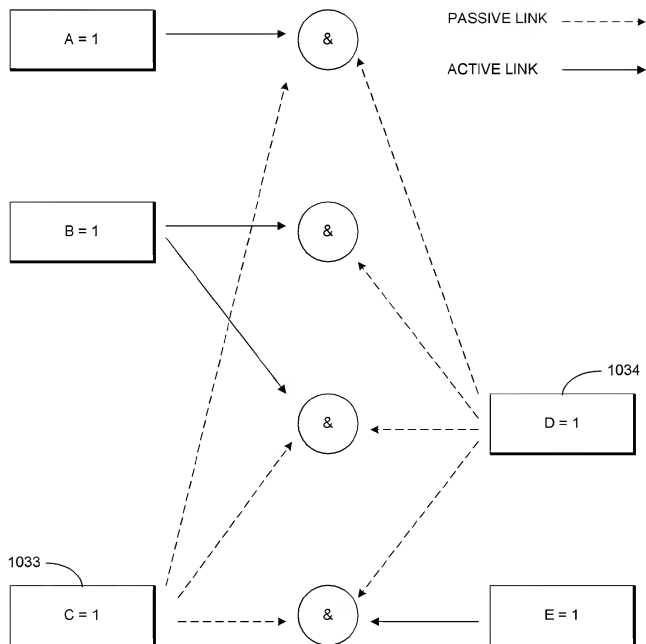
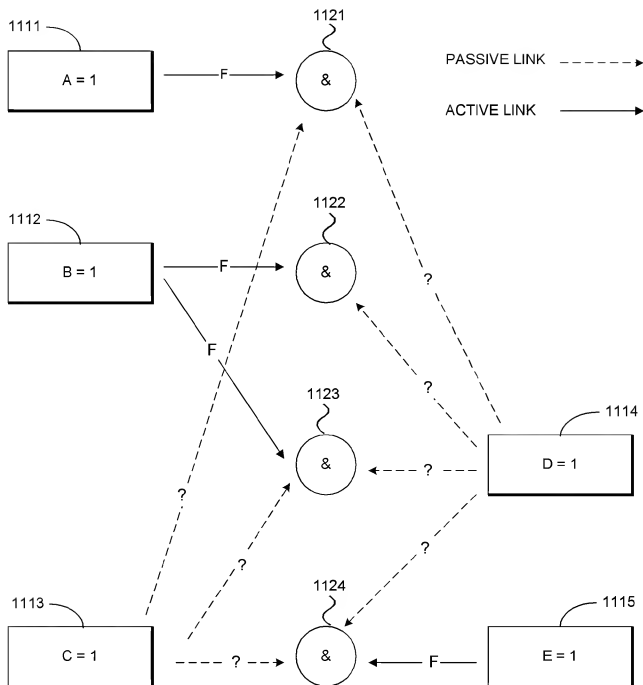
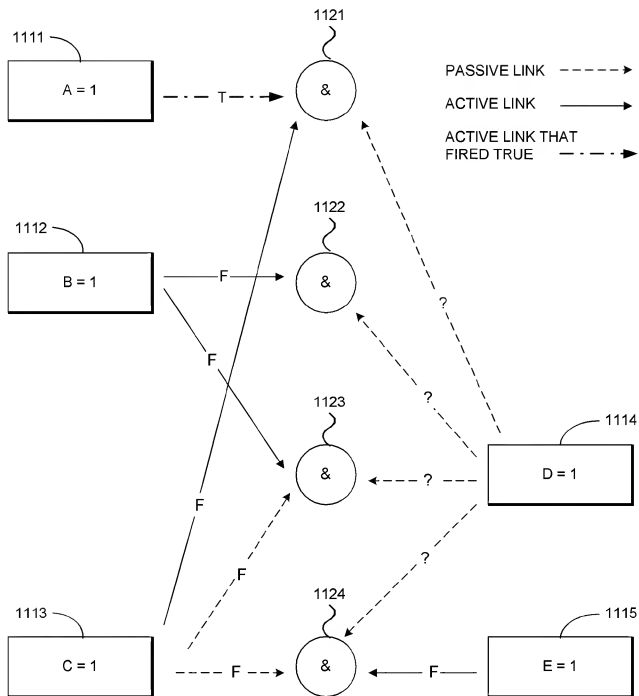


FIG. 10C



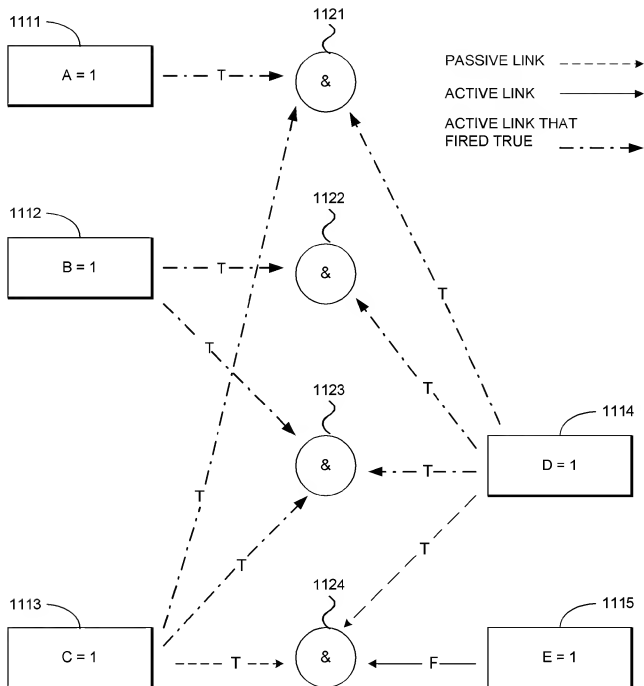
INITIAL NETWORK STATE. ALL TRANSDUCER OUTPUTS ARE FALSE OR UNKNOWN.

FIG. 11A



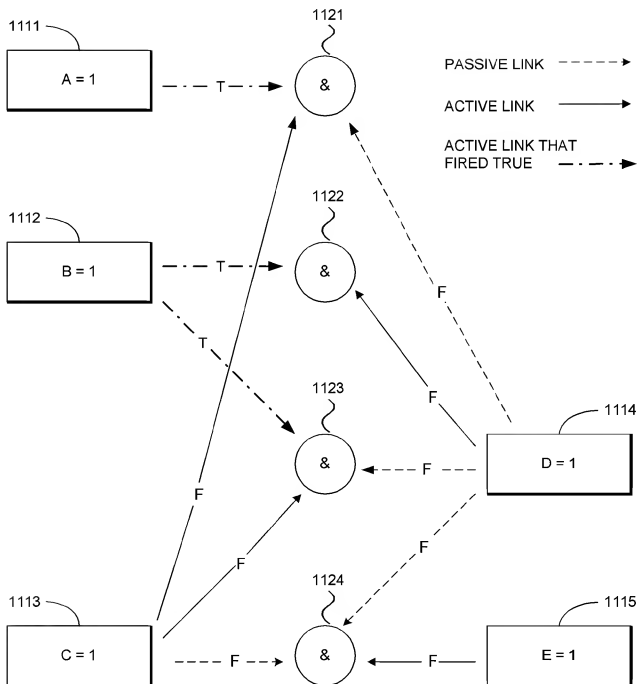
AN INPUT ARRIVES WITH A = 1, B = 0, C = 0, D = 1, E = 0. IN RESPONSE, LINK FROM NODE 1113 (C = 1) TO NODE 1121 IS ACTIVATED.

FIG. 11B



AN INPUT ARRIVES WITH A = 1, B = 1, C = 1. NODES 1121, 1122, AND 1123 HIT.

FIG. 11C



AN INPUT ARRIVES WITH C = 0, D = 0.

FIG. 11D

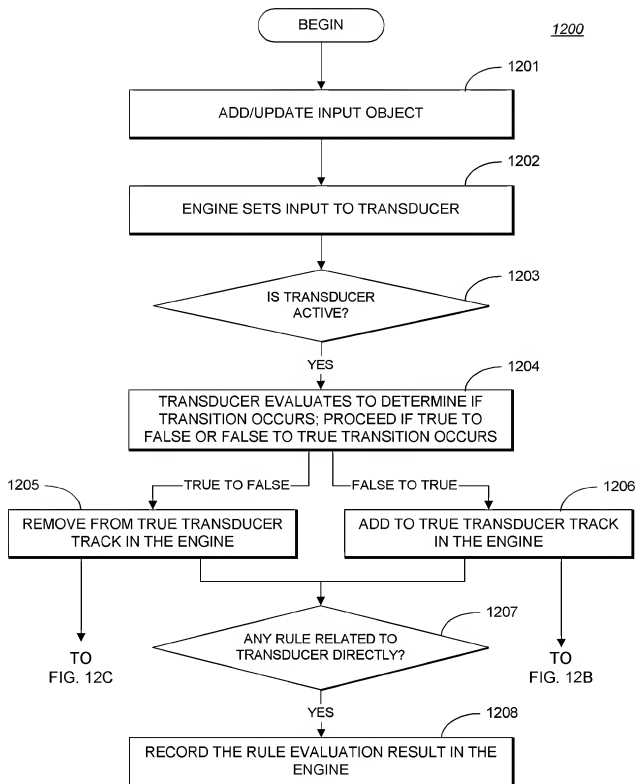


FIG. 12A

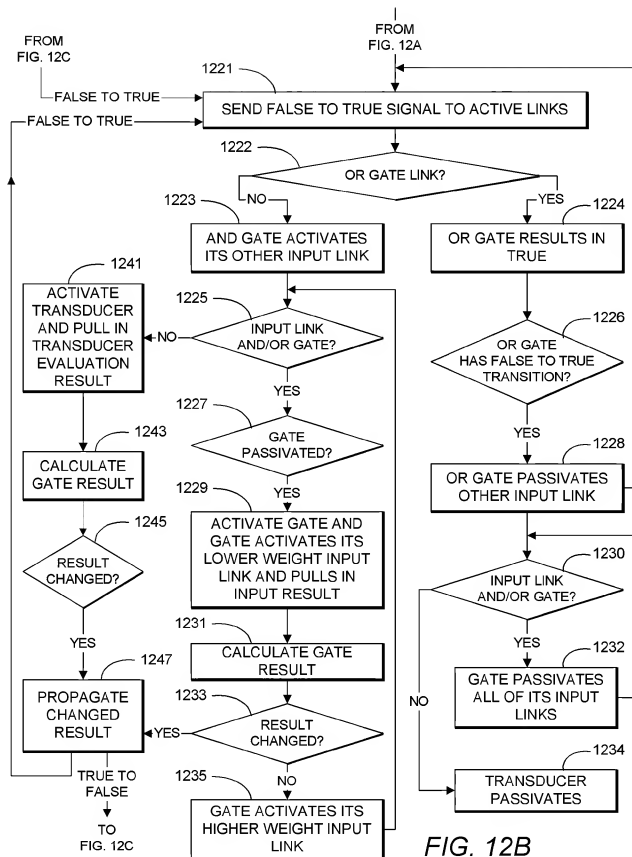


FIG. 12B

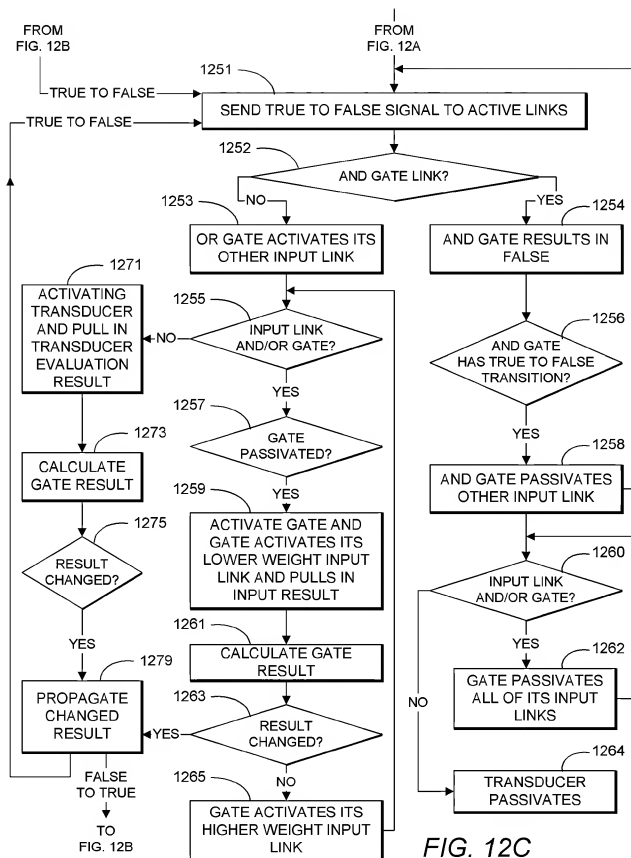


FIG. 12C